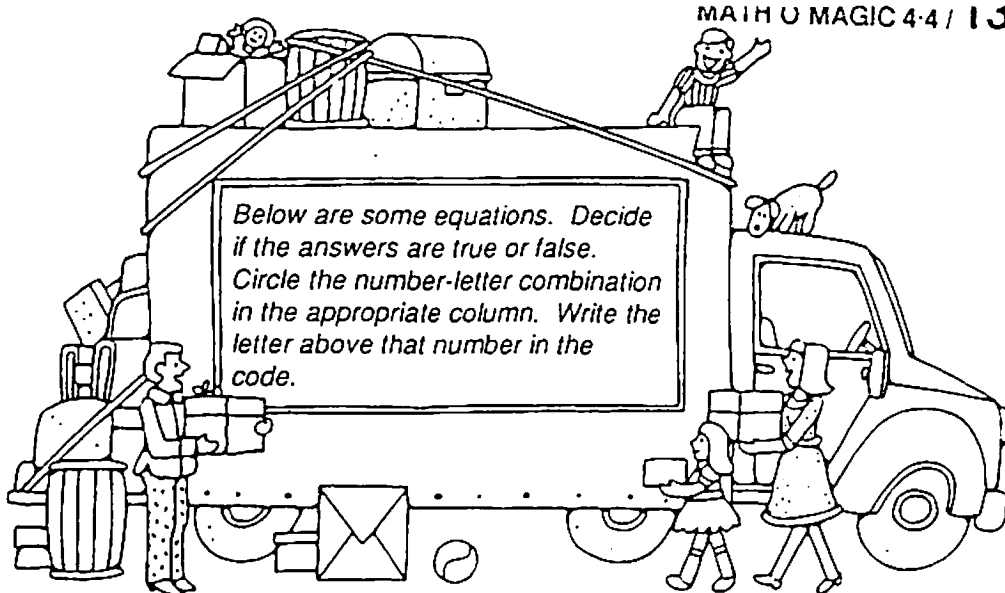


WHAT PIECE OF  
FURNITURE DID  
THE MAN OPEN  
AND TWENTY  
PEOPLE FELL  
OUT?



	TRUE	FALSE
$\frac{5^9}{5^3} = 5^6$	9 - P	4 - K
$\frac{3^{12}}{3^4} = 3^3$	6 - E	2 - N
$\frac{2^7}{2} = 2^7$	3 - A	7 - O
$4^7 \div 4^9 = 4^{-2}$	12 - G	9 - L
$10^2 \div 10^8 = 10^{-6}$	1 - R	2 - D
$x^{14} \div x^2 = x^7$	12 - T	10 - M
$\frac{m^9}{m^3} = m^3$	8 - M	4 - S
$\frac{k^2}{k^{-3}} = k^5$	6 - U	7 - G
$\frac{6x^{10}}{2x^3} = 4x^7$	10 - Y	11 - E
$\frac{12m^4}{3m} = 4m^3$	8 - B	5 - E
$\frac{16k^3}{2k^5} = 8k^{-2}$	3 - A	1 - T
$\frac{20x^5}{4x^{-2}} = 16x^3$	11 - A	5 - I

3	10	5	4	4	5	2	12	9	11	1	4	7	2	4	

8	6	1	11	3	6

# WHY DID THE KEEP THE IN THE REPRODUCATOR? REPLICATES OPERATOR?

Simplify each of the following expressions and find the correct answer in the row next to it. The correct box will tell you where to put the letters in the boxes below.

$a^2 \cdot a^4 \cdot a^{-3}$	$3a$ 1 - A	$9a^3$ 2 - M	$a^3$ 3 - T	$-3a^2$ 4 - S
$c^{-3} \cdot c^{-2} \cdot c^6$	$c^{11}$ 10 - Y	$c^0$ 11 - T	$36c$ 2 - D	$c$ 9 - R
$m^7 \cdot m^{-4} \cdot m^{-1}$	$m^3$ 3 - P	$m^2$ 8 - O	$m^{29}$ 5 - M	$3m$ 6 - T
$5x^{-4} \cdot 2x^7$	$7x^3$ 7 - Y	$10x^3$ 10 - F	$10x^{-28}$ 4 - G	$7x^{-28}$ 2 - N
$\frac{c^4}{c^9}$	$c^{-5}$ 6 - O	$c^{\frac{5}{9}}$ 9 - A	$\frac{4}{9}c$ 8 - E	$c^5$ 7 - C
$\frac{x^{-3} \cdot x^6}{x^2}$	$\frac{4}{2}x$ 5 - B	$x^{-12}$ 2 - M	$x^{12}$ 10 - R	$x^3$ 4 - C
$(n^{-3})^4$	$n^1$ 6 - L	$n^{-12}$ 7 - S	$-12n$ 4 - O	$n^{-7}$ 2 - E
$(5a^{-2})^2 \cdot (3h)^2$	$15h^2$ 9 - Z	$15a^{-4}h^2$ 8 - U	$45a^9h^2$ 7 - V	$225a^{-4}h^2$ 1 - L
$(3e)^{-2} \cdot 9e^2$	1 2 - C	$81e^{-4}$ 6 - E	27 10 - T	$27e^{-4}$ 10 - N
$(3a^2)^3 \cdot (3a)^{-2}$	$9a^4$ 3 - P	$9a^3$ 4 - Q	$9a^{-12}$ 5 - S	$3a^4$ 11 - U
$(2a^{-1}b)^3 \cdot (2a^2b^{-1})^2$	$4a^7b^5$ 2 - X	$32ab$ 5 - D	$4a^{-6}b^{-6}$ 3 - I	$4a^{-12}b^{-6}$ 4 - J



10 6 9



4 8 1 5



2 11 3 7